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L L A N D E I L O

U R B A N D I S T R I C T C O U N C I L

A N N U A L R E P O R T

of the

MEDICAL OFFICER OF HEALTH

and

PUBLIC HEALTH INSPECTOR

for 1969

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ANNUAL REPORT FOR THE YEAR 1969

To the Llandeilo Urban District Council.

Mr. Chairman and Members,

I submit my report on the Environmental Health of Llandeilo Urban District for the Year 1969.

After many years, Dr. Herbert retired in July and is very much missed by the inhabitents of Llandeilo.

I would like to express my gratitude to Mr. I.J. Thomas, Clerk of the Council; to Mr. K.C. McCutcheon; and to the clerical staff for all the assistance I received on taking up my appointment, and for their continued support in the work of the Health Department.

I have the honour to remain,
Your obedient Servant,

MARGARET STEANE, M.B., Ch.B.,D.B.H.

Medical Officer of Health

HEALTH COMMITTEE

(General Purposes, Plans and Water)

Councillor L.A. German - Chairman of the Council
Councillor Hugh Howells - Vice-Chairman of the Council
Councillor Mrs. K. Bevan
Councillor T.G. Beynon
Councillor A.H.T. Boot
Councillor J.M.B. Lewis
Councillor R.H. Llewelyn
Councillor W.E. Whittingham
Councillor D.R. Williams.

PUBLIC HEALTH DEPARTMENT

MEDICAL OFFICER OF HEALTH:	GWLADYS M. HERBERT until July, 1969.
	MARGARET STEANE, M.B.Ch B., D.P.H. Started 1st September, 1969.
PUBLIC HEALTH INSPECTOR:	K.C. McCUTCHEON, M.A.P.H.I.
CLERICAL ASSISTANT:	MRS. T. REES

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GENERAL INFORMATION

1969

Area of District	311 acres
Estimated Mid. Year Population in Llandeilo U.D.	1880
" " " " in Carmarthenshire	16,3600
" " " " in England and Wales	48,826,800
Number of Persons per acre	6.04
Number of Council Houses	117
Number of dwellings occupied by the Elderly	16
Total number of Council owned dwellings	133
Number of Private Dwellings	646
Number of business dwellings	65
Number of Buildings completed during 1969:	
(a) By the Council	Nil
(b) By private builders	Nil
Rateable value	£55,304
Net Product of a penny rate	£215
Number of Burial Grounds	1
Number of Burial Grounds owned by the Council	Nil

POPULATION OF LLANDEILO URBAN DISTRICT

The population of Llandeilo has lost 50 inhabitants during the last five years.

TABLE OF POPULATION, BIRTHS AND DEATHS 1965 - 1969

Year	Number of Persons	Deaths	Births
1961	1906 (Census)		
1965	1930	26	27
1966	1930	27	30
1967	1900	29	24
1968	1900	30	20
1969	1880	27	16

BIRTHS

There were 16 live births during 1969 compared with 20 in 1968.

		Males	Females	Total	Carms.	England & Wales
Live Births	Legitimate	9	7	16	2,029	730,500
	Illegitimate	0	0	0	104	67,042
	Total:	9	7	16	2,133	797,542
Still Births	Legitimate	0	1	1	29	9,555
	Illegitimate	0	0	0	2	1,107
	Total:	0	1	1	31	10,662
Total Live and Still Births	Legitimate	9	8	17	2,058	740,055
	Illegitimate	0	0	0	106	68,149
	Total:	9	8	17	2,164	808,204

LIVE BIRTH RATES ETC.

	Llandeilo	Carmarthenshire	England and Wales
Live births per 1,000 home population crude rate	8.5	13.0	16.3
Area comparability factor	1.16	1.09	1.00
Local adjusted rate	9.9	14.2	16.3
Ratio of local adjusted rate to national rate	0.60	0.87	1.00
Illegitimate live births as a percentage of all live births	-	5	8

STILL BIRTH RATE

	Llandeilo	Carmarthenshire	England and Wales
Still births per 1,000 total live and still births	59	14	13

MATERNAL MORTALITY RATE

There were no deaths resulting from childbirth or pregnancy in 1969.

DEATHS OF INFANTS

AGE		Male	Female	Total	Carms.	England & Wales
Under 1 Year	Legitimate	0	0	0	37	12,694
	Illegitimate	0	0	0	2	1,703
	Total:	0	0	0	39	14,397
Under 4 weeks	Legitimate	0	0	0	26	8,494
	Illegitimate	0	0	0	2	1,109
	Total:	0	0	0	28	9,603
Under 1 week	Legitimate	0	0	0	25	7,266
	Illegitimate	0	0	0	2	966
	Total:	0	0	0	27	8,232

INFANT MORTALITY RATE

	Llandeilo	Carmarthenshire	England & Wales
Deaths under 1 year per 1,000 live births	0	18	18
Deaths of legitimate infants under 1 year per 1,000 legitimate births	0	18	17
Deaths of illegitimate infants under 1 year per 1,000 illegitimate live births	0	19	25
Neonatal mortality rate Deaths under 4 weeks per 1,000 live births	0	13	12
Early neonatal mortality rate Deaths under 1 week per 1,000 total live births	0	13	10
Perinatal mortality rate Still births and deaths under 1 week combined, per 1,000 total live and still births	59	27	23

DEATHS

	Male	Female	Total	Carms.	England & Wales
All Ages	14	13	27	2450	579,463

DEATH RATES ETC. ALL AGES

	Llandeilo	Carmarthenshire	England and Wales
Deaths per 1,000 home population (crude rate)	14.4	15.0	11.9
Area comparability factor	.88	.99	1.00
Local adjusted rate	12.7	14.9	11.9
Ratio of local adjusted rate to national rate	1.06	1.25	1.00

There were 27 deaths in Llandeilo during 1969. Of these six occurred between the ages of 65 and 74 years, and 11 at 75 years or over.

Six deaths were caused by malignant neoplasms and seventeen by diseases of the cardiovascular system.

CAUSES OF DEATH IN 1969
ALL AGES

Cause of Death	Male	Female	Total
Malignant Neoplasm, Stomach	1	0	1
Malignant Neoplasm, Intestine	1	0	1
Malignant Neoplasm, Breast	0	2	2
Other malignant neoplasms	0	2	2
Ischaemic heart disease	5	1	6
Cerebro vascular disease	3	7	10
Other diseases of circulatory system	1	0	1
Bronchitis and emphysema	1	0	1
Peptic ulcer	2	0	2
Cirrhosis of liver	0	1	1
TOTAL ALL CAUSES	14	13	27

NOTIFIABLE DISEASES

There were no cases of infectious diseases notified during 1969.

TUBERCULOSIS

No cases of tuberculosis were notified in 1969.

IMMUNISATION

The following table refers to the County of Carmarthenshire. The separate figures for Llandeilo are not available.

	PRIMARY						BOOSTERS
	Born 1969	Born 1968	Born 1967	Born 1966	1962-1965	Others Under 16 Years	
Triple Antigen	910	673	155	48	90	21	824
Diphtheria/Tetanus	1	3	6	3	43	15	434
Tetanus	0	2	2	9	48	267	135
Polio (Sabin)	828	631	204	73	156	45	454
Measles	4	64	45	48	13	15	0

Although diphtheria and poliomyelitis are now comparatively rare diseases, cases still occur, and every parent should make sure their children are immunised at the appropriate times. It should be appreciated that these illnesses could be caught whilst on holiday abroad.

SMALLPOX VACCINATION (WHOLE COUNTY)

Age at date of vaccination	Number Vaccinated	Number Re-vaccinated
Under 1 year	110	0
1 Year	995	0
2 - 4 Years	204	7
5 - 15 Years	43	96

In view of the great popularity of International travel - much of it by air - and the consequent risk of contact with smallpox, the general public would be well advised to keep up their immunity to this disease by periodic vaccination.

B.C.G. VACCINATION (WHOLE COUNTY)

	Contact Scheme	School Children
Number Skin Tested	186	1,501
Number found negative	150	1,242
Number vaccinated	119	1,204

MASS RADIOGRAPHY

The Mass Radiography Unit visited Llandeilo in December, 1969.

No new cases of tuberculosis were found.

There were two cases of healed post-primary tuberculosis.

No cases of malignant neoplasms were observed.

Four cases of pneumoconiosis were noted.

ANALYSIS IN AGE GROUPS OF THOSE AVAILING THEMSELVES OF THE SERVICE

	Grand Total	Under 15		15 - 24		25 - 34		35 - 44		45-59		60 & Over		Totals	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F
Total Number Exmined	239	0	0	18	28	20	18	20	18	34	38	24	21	116	123

NATIONAL ASSISTANCE ACT, 1948 SECTION 47

No action was required under this Section which enables persons in need of care and attention to be removed to suitable premises.

SERVICES AVAILABLE AT LLANDEILO CLINIC

	DAY	TIME
Arthopoedic Clinic (Children)	1st Tuesday in the month	10 a.m.- 1 p.m. 2 p.m. - 4 p.m.
Child Health Clinic	Alternate Wednesdays	2 p.m.- 4 p.m.
Mothercraft & Relaxation Class	Thursday	2 p.m.- 4 p.m.
Speech Therapy	Wednesdays	1:30p.m.- 5 p.m.
Hearing Assessments	By Appointment	
Dental Clinic (Children & Expectant Mothers)	By Appointment	

WELFARE FOODS

Welfare foods are sold at the Clinic, Crescent Road, Llandeilo, on Wednesdays from 2 - 4 p.m.

FACTORIES AND WORKSHOPS

Inspection for purpose of provisions as to health.

	Number on Register	Number of Inspections	Written Notices	Occupiers Prosecuted
(1) Factories in which Section 1,2,3,4 and 6 a are to be enforced by L.A.	20	1	0	0
(2) Factories not included in (1) in which Section 7 is enforced by the L.A.	2	0	0	0
(3) Other premises in which Section 7 is enforced by L.A. (including outworkers premises)	0	0	0	0
	22	1	0	0

2. Cases in which defects found.

	Found	Remedied	Referred to H.M. Inspector	Referred by H.M. Inspector	Prosecution
Want of Cleanliness	0	0	0	0	0
Overcrowding	0	0	0	0	0
Unreasonable Temperature	0	0	0	0	0
Inadequate ventilation	0	0	0	0	0
Ineffective drainage of floors	0	0	0	0	0
Sanitary Conveniences					
(a) Insufficient	0	0	0	0	0
(b) Unsuitable	0	0	0	0	0
(c) Not separate for sexes	0	0	0	0	0
Other offences (Not including offences relating to outwork	0	0	0	0	0
TOTAL	0	0	0	0	0

SANITARY CIRCUMSTANCES IN THE AREA

WATER

The supply of water to the Town was obtained from two sources, namely, Llandyfan Spring and the Llandeilo Rural District Council's supply.

The Llandyfan Spring is situated 5 miles from the Town at 480 ft. A.O.D. and 193 feet above the highest point of the Town. The supply is derived from a spring in the limestone stratum, with an estimated overflow of 1,000,000 gallons per day.

The supply from thes source is conveyed by gravitation to the Town in 5" cast iron pipes. The Llandyfan main is 65 years old.

The Llandyfan supply is chlorinated by a Wallace and Tiernan Plant at Derwydd.

Part of the Llandeilo Rural District is still supplied from the Llandyfan source and part of the Urban District receives a supply from the Rural District trunk main to which the town mains are connected.

Routine checks are taken to determine the efficiency of the chlorination of the supply.

The chemical analysis of the water is as follows:-

"This water had a hardness of 175 p.p.m. calcium Carbonate and would be classified as being "Moderately hard". This was almost entirely temporary in character and would be removed on boiling.

This was a water of the highest organic purity and contained no trace of unoxidised nitrogenous compounds. It was slightly alkaline in character and exhibited only a small negative saturation index, a charactaristic associated with non-aggresive waters. Such a water would not have any action on metals nor should it be plumbosolvent. The water was free from metallic impurities with the exception of 0.01 p.p.m. lead. This amount is regarded as negligible as Health and Medical Authorities allow up to 0.1 p.p.m. in drinking waters."

Two special examinations of the water were carried out one for lead content and one to ascertain the fluoride content:-

The results are as follows:-

Lead content examination	Lead (Pb) p.p.m.
Sample of water after standing in lead pipe overnight	0.01

Fluoride Content examination

Fluorine (F)	LU. 1	0.06 p.p.m.

The quantity found was less than one fifteenth of that present in a fluoridated supply.

DRAINAGE AND SEWERAGE

The sewers of the Town are combined, taking both sewage and surface water. The sewers serve the Town with the exception of 15 properties in Carmarthen Road and Nantyrhibo areas. The sewers are constructed in stoneware pipes and culverts, the treatment being carried out at the Joint Sewage Works at Ffairfach.

PUBLIC CLEANSING

A major step was taken by the Council to improve the storage and collection of house refuse.

Each household was provided with a special plastic bin and paper sacks were used as bin liners. The scheme came into operation early in the year and has proved very successful both with householders and workmen. This method had eliminated the use of a variety of containers and has resulted in a much cleaner service.

A once weekly collection is made of house refuse and special arrangements exist for the collection of bulky items of refuse.

A once weekly collection is made of trade refuse for which a charge is payable.

The work is carried out by direct labour.

The refuse is disposed of at a tip situated outside the Urban District and the method of tipping can only be described as crude.

RODENT CONTROL

The Council employs one of the workmen to carry out disinfestation as and when required. No charge is made in respect of business premises.

The following are details of the work carried out:-

	Non Agricultural	Agricultural
Number of properties inspected following notification	52	-
Number of properties infested by rats	45	-
Number of properties infested by mice	7	-
Number of properties treated	52	-

A total of 169 visits were made in connection with treatment work.

In November, one hundred sewer manholes were baited with Fluoracetamide. This work was carried out for the Council by a specialist company.

FOOD AND FOOD HYGIENE

There is always room for improvement in the manner in which food is handled, and although no cases of food poisoning were notified during the year the standard of hygiene must continually be maintained and improved.

The shopping public can to a considerable degree influence the food hygiene standards, and there is no doubt that in general the public are becoming more hygiene conscious.

The following types of food business were carried on in the district at 44 premises:

Ice Cream	14
Grocery Provisions, Bread, Confectionery etc.	20
Greengrocery & Fruit	7
Bakehouses	4
Butchers	4
Fish & Chips	1
Licensed Premises, Hotel, Restaurants & Cafes	18

Routine inspections were made of vehicles under the Food Hygiene (markets, Stalls and Delivery Vehicles) Regulation 1966 and appropriate action taken where necessary to obtain improvement in the condition of the vehicles.

The following foodstuffs were surrendered by the owners:-

19½ lbs. fore end bacon.

HOUSING

STATISTICS

1. Number of new permanent houses erected during the year:-
   - (a) By local authority — NIL
   - (b) By other bodies or persons — NIL

2. Number of new permanent houses under construction during the year:-
   - (a) By local authority — NIL
   - (b) By other bodies or persons — NIL

3. Inspection of Dwelling Housing during the Year:-
   - (1) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) — 28
   - (2) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation — NIL

4. Remedy of Defects during the year without the service of Notices:-

   Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers — NIL

HOUSING

5. Action Under Statutory Powers during the Year:

A. Proceedings under Section 9 of the Housing Act, 1957

(1)	Number of dwelling-houses in respect of which notices were served requiring repairs.	NIL
(2)	Number of dwelling-houses which were rendered fit after service of formal Notices.	
	(a) By owners	NIL
	(b) By Local Authority in default of owners	NIL
	(c) Outstanding at 31st December, 1969	NIL

B. Proceedings under Public Health Acts

(1)	Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	NIL
(2)	Number of dwelling-houses in which defects were remedied after service of formal notices:	
	(a) By owners	NIL
	(b) By occupiers	NIL
	(c) By Local Authority in default of owners	NIL
	(d) Outstanding at 31st December, 1969	NIL

C. Proceedings under Section 16 and 17 of the Housing Act, 1957

(1)	Number of dwelling-houses in respect of which Demolition Orders were made	NIL
(2)	Number of dwelling-houses undemolished in Clearance Area	NIL
(3)	Number of dwelling-houses in respect of which an undertaking was accepted from the owners.	NIL
(4)	Number of dwelling-houses in respect of which undertakings were determined, the dwelling-houses having been rendered fit.	NIL

D. Proceedings under Section 18 of the Housing Act, 1957

(1)	Number of separate tenements or underground rooms in respect of which Closing Orders were made.	NIL
(2)	Number of separate tenements or underground rooms in respect of which closing Orders were determined, the tenement or room having been rendered fit.	NIL

E. Housing Act, 1957 - Part IV:-

(1)	(a) Number of dwellings overcrowded at the end of the year	NIL
	(b) Number of families dwelling therein	NIL
	(c) Number of persons dwelling therein	NIL
(2)	Number of new cases of overcrowding reported during the year	NIL
(3)	(a) Number of cases of overcrowding reported during the year	NIL
	(b) Number of persons concerned in such cases	NIL
(4)	Particulars of any cases in which dwelling-houses have again become overcrowded after Local Authority have taken steps for the abatement of overcrowding	NIL
(5)	Any other particulars with respect to overcrowding conditions	NIL

IMPROVEMENT GRANTS

One Improvement Grant was approved during the year.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

The total number of premises registered under the Act is 46, and the number of persons employed in these premises was 192, comprising 89 males and 103 females.

No general inspections were made during the year but 11 visits were made in connection with works being carried out to remedy contraventions of the Act at various premises.

No notifications of accidents were received.

CARAVAN SITES

There are two licenced Caravans Sites within the Urban Area. One site is licenced for seven caravans and the other for one caravan.

Ten visits were made to the largest site and while some of the requirements of the licence conditions had been met, the site generally was not maintained in a very satisfactory condition. Informal action was taken in an endeavour to secure improvements.